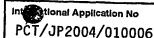
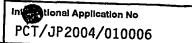
INTERNATIONAL SEARCH REPORT



	INTERNATIONAL SEARCH REP	JRT	DOT (1000	
A. CLASS	DO2J1/18		PC1/JP20	04/010006
110 /	nn511\18			
According	to International Patent Classification (IPC) or to both national class	sification and IPC		
	ocumentation searched (classification system followed by classification sy			
IPC 7	DO2J DO1D B65H B29C D04H	cation symbols)		
Documenta	tion searched other than minimum documentation to the extent th	at such documents are inclu	ided in the Sold-	
			ided in the helds (searched
Electronic o	data base consulted during the international search (name of data	base and, where practical	Cooreh te-	
EPO-In	ternal, WPI Data, PAJ	more practical,	search terms use	d)
	,			
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the	relevant passages		Delevent
5 11				Relevant to claim No.
Ρ,χ	JP 2003 213537 A (ICHINOMIYA OR	IMONO:KK;		1
	EIHEIJI SIZING KK) 30 July 2003 (2003-07-30)	·		
:	paragraphs '0006!, '0007!. '0	013!		
	paragraphs '0006!, '0007!, '0 '0014!, '0023!, '0029!, '003! 1,6	5!; figures		
P,X	-& PATENT ABSTRACTS OF JAPAN			
	Vol. 2003, no. 11.			1
	5 November 2003 (2003-11-05) -& JP 2003 213537 A (ICHINOMIYA			
	OKIMONO:KK: EIHEIJI STZING KK)			
	30 July 2003 (2003-07-30) abstract			
	abstract			
X	EP 0 837 162 A (FUKUI PREFECTURE	Ξ)		1
	22 April 1998 (1998-04-22) cited in the application	•		1
	the whole document			
		-/		
X Furth	er documents are listed in the continuation of box C.	χ Patent family me	embers are listed i	n anney
Special cat	egories of cited documents :			
'A" docume	nt defining the general state of the art which is not ered to be of particular relevance	"T" later document publis or priority date and a cited to understand	shed after the Inte	rnational filing date
	Ocument but published on or offerthe teaments	invention	me huncible of the	ory underlying the
L* documer which is	it which may throw doubts on priority claim(s) or	"X" document of particular cannot be considere involve an inventive	ar relevance; the c	laimed invention be considered to
citation	or other special reason (as specified)	"Y" document of particular cannot be considered document is combined.		
		ments, such combin	ed with one or mo ation being obvious	entive step when the re other such docu- is to a person skilled
	nt published prior to the international filling date but an the priority date cialmed	in the art. "&" document member of		
ate of the a	ctual completion of the international search	Date of mailing of the		-
15	December 2004			sport
	alling address of the ISA	28/12/20	04	
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Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT



Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/JP2004/010006
- Longerty	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Α	JP 11 172562 A (FUKUI PREFECTURE) 29 June 1999 (1999-06-29) cited in the application	1-18
A	paragraphs '0007! - '0017!; figures -& PATENT ABSTRACTS OF JAPAN vol. 1999, no. 11, 30 September 1999 (1999-09-30) -& JP 11 172562 A (FUKUI PREFECTURE), 29 June 1999 (1999-06-29) cited in the application abstract	1-18
A	US 3 961 396 A (LUBITZSCH WOLFGANG) 8 June 1976 (1976-06-08) figure 1	3,8,16
A	US 2 244 203 A (RUDOLF KERN) 3 June 1941 (1941-06-03) claim 2; figures 1,2	1-18
r	JP 2004 225222 A (TORAY IND INC) 12 August 2004 (2004-08-12) paragraphs '0010!, '0023! - '0026!, '0033! '0036!, '104	
	'0033!, '0036!; claim 1; figures 1-4 -& DATABASE WPI Section Ch, Week 200457 Derwent Publications Ltd., London, GB; Class F02, AN 2004-585912 XP002307126 -& JP 2004 225222 A (TORAY IND INC) 12 August 2004 (2004-08-12) abstract	
1		1

INTERNATIONAL SEARCH REPORT

information on patent family members

Interceptional Application No PCT/JP2004/010006

Patent document Publication		101/01/20			2004/010006		
cited in se	arch report		Publication date		Patent family member(s)		Publication date
JP 200	3213537	Α	30-07-2003	NONE			
EP 083	7162	Α	22-04-1998	DE	6972763	 7 D1	25-03-2004
				EP	083716	2 A1	22-04-1998
				JP	306401		12-07-2000
				KR	25350		01-05-2000
				US	603234		07-03-2000
				CN	119044		12-08-1998
				WO	974128	5 A1	06-11-1997
JP 111	72562 	Α	29-06-1999	JP	304922!	5 B2	05-06-2000
US 396	1396	Α	08-06-1976	DE	240547:	3 A1	07-08-1975
				BE	825212	2 A1	29-05-1975
				CH	57915		31-08-1976
				GB	1467536		16-03-1977
				IT	103141		30-04-1979
				JP	50112508	3 A	04-09-1975
US 224	4203	Α	03-06-1941	BE	432792	2 A	
				DE	715801	Ĉ	07-01-1942
				FR	850426		16-12-1939
				GB	525320) A	26-08-1940
				NL 	51632	2 C	1540
JP 200	4225222	Α	12-08-2004	NONE	P	· ···· ··· ··· ··· ··· ··· ··· ··· ···	